MANITOBA HEALTH RESEARCH COUNCIL

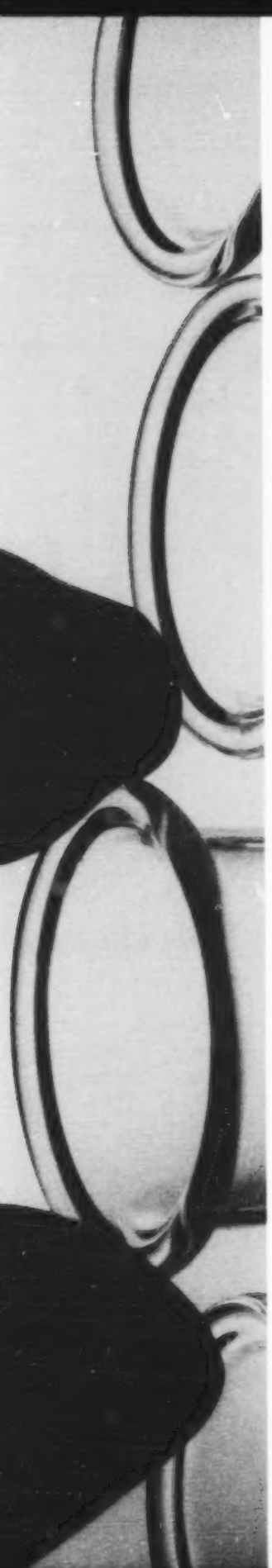


TABLE OF CONTENTS

2007-01515/

Members of the Manitoba Health Research Council 3
Chair's Message 4
Postdoctoral Fellows funded in 2005–2006 Competition 6

GRANTS & AWARDS PROGRAMS
Purpose and Overview of Programs 8
GRANTS
New Establishment Grants 9
2nd & 3rd Year Establishment Grants 9
New Operating Grants 9
2nd Year Operating Grants 10
Regional Partnership Grants 10

PERSONNEL AWARDS
New Postdoctoral Fellowships Awards 11
Postdoctoral Fellowship Renewal Awards 11
Travel Award for Excellence in Postdoctoral Research 11
New Graduate Studentship Awards 11
Graduate Studentship Renewal Awards 12
Workshop Sponsorship 13

REVIEW COMMITTEES
Operating & Establisment Scientific Review Committee 14–15
Personnel Scientific Review Committee 14–15
Social/Population Health Scientific Review Committee 14–15

2005–2006 FINANCIAL REPORT
2005–2006 Fiscal Expenditures Overview 17
Management Report 18
Auditors' Report 19
Financial Statements 20–24

MISSION STATEMENT

"To promote the growth and co-ordination of the health research enterprise in Manitoba."

For more information contact:

P216–770 Bannatyne Avenue

Winnipeg, Manitoba, Canada R3E 0W3

Telephone: (204) 775-1096

Fax: (204) 786-5401

E-mail: info@mhrc.mb.ca

Website: www.mhrc.mb.ca

MEMBERS OF THE MANITOBA HEALTH RESEARCH COUNCIL

Dr. Dean Sandham*, Chairperson
(from October, 2005)
Dean of the Faculty of Medicine
University of Manitoba

Dr. Jane Evans*, Chairperson
(to June 30, 2005)
Department of Biochemistry & Medical Genetics
University of Manitoba

Mr. Leon Barre, Director
Health Information Management
Manitoba Health

Dr. Gary Beazley, Professor Emeritus
Department of Family Medicine
University of Manitoba

Dr. Peter Cattini*, Associate Vice-President
(Research)
University of Manitoba

Dr. Patrick Choy**, Vice-Chairperson
(to April 30 2005)
Associate Dean (Research)
Faculty of Medicine
University of Manitoba

Mr. John Clarkson, Deputy Minister
Department of Energy, Science & Technology
Province of Manitoba

Dr. Joanne Embree*,
(Interim Chairperson July – October, 2005)
Head, Department of Medical Microbiology
University of Manitoba

Dr. Norman Fleming*, Professor
Faculty of Dentistry
University of Manitoba

Dr. Andrew Halayko*, Associate Professor
Departments of Physiology, Internal Medicine &
Pediatrics and Child Health
University of Manitoba

Dr. Grant Hatch*, Acting Associate Dean (Research)
(from May 2005),
Faculty of Medicine
University of Manitoba

Dr. Colleen Metge*, Associate Professor
Faculty of Pharmacy
University of Manitoba

Dr. Yvonne Myal, Associate Professor
Department of Pathology
University of Manitoba

Dr. Brent Schacter, Chief Executive Officer
Canadian Association of Provincial Cancer
Agencies/L'association canadienne des agencies
provincials du cancer (CAPCA/CAPC)

* Members of the Executive/Finance Committee

** Appointed by the University of Manitoba

COUNCIL SECRETARIAT

Ms Christina Weise (from October 2005)
Executive Director

Dr. John C. Docherty (to September 2005)
Executive Director

Ms Elizabeth C. Ford
Administrative Officer

Dr. Dave Southorn

There is also a clear expectation that the entire Health Research community, the University, Health Research Institutes, Foundations supporting Health Research, the Biomedical Research industry, and the Health Care delivery sector, must all come together, be prepared to "put something on the table" and to seek alignment in an approach as a necessary prerequisite for more investment by government.

Dr. Dean Sandham

There could be no more exciting time to accept the honour of chairing the Manitoba Health Research Council than this present time of rebirth and renewal for MHRC. The work of the last six months has been based on years of preparation and advocacy by previous Chairs and Councils. The emergence of a clear vision by both Ministers Chomiak and Sale of the Departments of Energy, Science and Technology and Health, about the need to redefine Provincial investment in Health Research, is a very progressive initiative.

But first it has been necessary to ensure the continuity of excellent work being done by Council, by Peer Review Committees and the support provided to investigators in Manitoba. Our new Executive Director, Christina Weise, comes with extensive experience and insight in Health Research, great energy and vision and a commitment to developing a national perspective through active participation with National Alliance of Provincial Health Research Organization (NAPHRO). The bedrock of our activity is and has been the Grants and Awards Program which are the major investments to Health Research in the Province. Excellent Peer Review is the sine qua non of quality and integrity of these programs. The amount of effort expended by the volunteers in our Peer Review Committees and the quality of their work is outstanding. This is so important at a time when the number of applications continues grow, the number of fundable applications continues to grow, and the amount of resource available for funding remains constant. The work by Liz Ford, the sole support person in MHRC during the very high density times of grant submission and peer review has been outstanding.

Looking to the Future

As requested by Minister Chomiak, MHRC led a process to develop a Strategic Plan for Health Research in Manitoba. This was kicked off with a summit, May 29, 30, 31st attended by approximately 140 individuals. Representation was outstanding from all segments from Manitoba society including the Universities the Health Research Institutes, Foundations supporting Health Research, the Biomedical Research industry, the Health Care delivery sector, and from government. The keynote message from the Honourable Dave Chomiak, Minister of Energy, Science and Technology was clear. There is a clear understanding of the need for investment in Health Research in Manitoba. There is also a clear expectation that the entire Health Research community, the University, Health Research Institutes, Foundations supporting Health Research, the Biomedical Research industry, and the Health Care delivery sector, must all come together, be prepared to "put something on the table" and to seek alignment in an approach as a necessary prerequisite for more investment by government. This is essential in order to create our ability to compete on a national and international scale. It is a major shift in our adaptive strategy from competing with each other to creating common purpose to compete with similar institutions in our country and elsewhere. Particularly helpful was the opportunity to model successful behaviour elsewhere. The presentations by Dr. Aubrey Tingle from the Michael Smith Foundation in British Columbia, Dr. Alain Beaudet from the Fonds de Recherche en Santé du Quebec (FRSQ), and Krista Connell from the Nova Scotia Health Research Foundation provided an excellent opportunity to model successful behaviour.

The following principles emerged from the summit:

- Values-integrity, excellence, relevance, ethical, collaborative
- Our primary message is the need to support people – support to recruit, retain and support researchers
- MHRC to function as an enabler
  - A high-quality peer review umbrella
  - Support for development of platforms that can be shared
  - An advocate for increased resources supportive of the above principles
- If we expect renewal from government we must all be prepared to "put something on the table"
- Participants had an emerging vision of MHRC as a Phoenix. Renewal versus incremental change
- MHRC as an umbrella creating alignment in a positive fashion

We are in the process of developing and finalizing the Strategic document as this report is being prepared. The process consists of the creation of a Working Group with representatives from each of the areas of relevance, including Associate Deans of Research (Dr. Pat Choy), HCPAM and Biotech Industry (Dawson Reimer), the Research Institutes (Dr. Grant Pierce), the Regional Health Authorities (Dr. Brian Postl), government agencies and departments (Doug McCartney), the non-governmental organizations (NGOs) to include Foundations such as Heart and Stroke (Bill Smith), Clinician Scientists (Dr. David Eisenstat), the Health Research Council (Dr. Andrew Halayko), and the Steering Group (Dr. Joanne Keselman and Dr. Arnold Naimark).

A draft will be prepared, reviewed by this group and taken to the Steering Committee for input.

The Steering Committee Membership is as follows:

- Dr. J. Dean Sandham (Chair), Dean, Faculty of Medicine, University of Manitoba
- Dr. Arnold Naimark, Director, Centre for Advancement of Medicine
- Dr. Brian Postl, Chief Executive Officer, Winnipeg Regional Health Authority
- Dr. Joanne Keselman, Vice President, Research, University of Manitoba
- Mr. Kevin Kavanaugh, Distinguished Member, Business Council of Manitoba
- Dr. Ian Smith, Director General, National Research Council
- Mr. John Clarkson, Deputy Minister, Energy, Science and Technology
- Ms. Arlene Wilgosh, Deputy Minister of Health
- Ms. Christina Weise, Executive Director, Manitoba Health Research Council

Following an exhaustive review of the draft by the Steering Committee, an on-line validation survey will be conducted to allow invitees and participants to review the draft and provide feedback. The Strategy will then be provided to the Minister of Energy, Science and Technology for presentation to government. We are working to a very tight schedule which will be completed by the end of September. This has been an outstanding process with outstanding facilitation and participation and poises us in Manitoba not only to provide adequate investment in Health Research in Manitoba but to seek to excel.

Dr. Dean Sandham

Chair

Dr. Linda Lorenzelo

Dr. Kimberly O'Brien

Dr. Caroline Pompeiano

Dr. Gaspar Wong

Dr. Alison Elliot

POSTDOCTORAL FELLOWS FUNDED IN THE 2005–2006 COMPETITION

Dr. Linda Larcombe

The frequency of tuberculosis-susceptibility gene polymorphisms in Manitoba Aboriginal populations and their relationship to identified MTB isolates.

Advisor – Dr. Pam Orr, Department of Medical Microbiology, Faculty of Medicine, University of Manitoba.

Numerous strains of Mycobacterium tuberculosis (MTB) have been identified in culturally and geographically diverse groups in Manitoba and a high frequency of a severe form of tuberculosis is prevalent among some, but not all northern First Nations groups. Studies suggest that although socio-cultural and economic factors play a role in the prevalence of MTB in First Nations populations, functional single nucleotide polymorphisms (SNPs) (changes in the genetic code) in the Aboriginal genome may contribute to their susceptibility to tuberculosis. This research seeks to work with First Nations individuals and communities to test whether or not those groups with elevated MTB rates have a higher frequency of tuberculosis-susceptibility SNPs compared to the general First Nations population and determine whether or not these SNPs were present in these populations prior to the arrival of Europeans.

The genetic program of an individual is shaped by the population's evolutionary disease history, which in turn, determines the effectiveness of a host's immune system in eradicating pathogens. It is believed that resistance to tuberculosis is determined by the population's previous history of exposure. Tuberculosis has been endemic in Europe for nearly 200 years, while in North America; novel strains of MTB are only recently exerting selective pressure against tuberculosis-susceptibility genes. By isolating and identifying tuberculosis strains in archaeologically recovered human remains, this research will compare the ancient strains of MTB with the modern strains to investigate the evolution of the pathogen in relation to epidemiological history of the ethnic groups.

The prevalence of tuberculosis in Manitoba is the result of a complex interaction between the pathogen, the individual and environmental factors. The identification and analysis of the tuberculosis-susceptibility genes in Manitoba's Aboriginal populations may lead to the development of vaccines or therapeutics that targets tuberculosis in these high-risk groups.

Dr. Larcombe is a broadly trained anthropologist who has focused her research on many facets of Manitoba's First Nations populations – past and present. Dr. Larcombe obtained a PhD in Anthropology from the University of Manitoba in 2005. Her research focused on developing methods to compare aspects of the human immunogenetic program of contemporary and ancient populations.

Dr. Alison Elliott

Radiographic characterization of split hand foot malformation.

Advisor – Drs. M. Reed & Jane Evans, Department of Biochemistry & Medical Genetics, Faculty of Medicine, University of Manitoba.

Dr. Elliot received a BSc in Life Sciences from Queens University and an MSC in Genetics from the University of Cincinnati. Alison spent 9 years in clinical practice as a genetics counsellor at McGill University and Cedars-Sinai Medical Center, Los Angeles during which time she was awarded her certification from the American Board of Genetic Counselling. Dr. Elliot received her PhD in Biochemistry and Medical Genetics from the University of Manitoba in June 2005.

Birth defects occur in at least 3% of all babies and often lead to physical or mental handicap or early loss of life. In many cases, the cause of the anomalies is unknown and the information available for families is limited. Dr. Elliott's project involves studying a complex limb malformation known as split or cleft hand/foot, which can occur as an isolated defect or in combination with other anomalies such as cleft lip, skin defects or heart abnormalities.

In particular, she is determining whether the underlying patterns of bony changes, which can only be appreciated using x-rays or other imaging techniques, can distinguish which of the genetic causes of this condition are important in a particular patient or family. Such information will make molecular (DNA) testing more efficient and help provide more accurate information for the family concerning the risk of reoccurrence and potential degree of severity or likely complications should the condition occur again.

Dr. Kimberley O'Hara

The molecular mechanisms of kinamycin-induced inhibition of tumour cell growth and cell cycle progression.

Advisor – Dr. Brian Hasinoff, Faculty of Pharmacy, University of Manitoba.

Approximately 25% of Canadians will die of cancer, and unfortunately, current cancer therapies are either inadequate or lose effectiveness due to resistance. Resistance to a given anticancer drug is a common therapeutic problem and can be overcome by developing combination drug therapies that include compounds with a variety of mechanisms of action. The bacterial products, kinamycins A-D, and their precursor, isoprekinamycin, are highly toxic against tumour cells. Dr. O'Hara's goal is to identify the molecular target of these compounds, and develop these agents as new anticancer drugs. Once the targets are known, the research group plan to modify the structures of the kinamycins to create more selective and potent drugs active not only against tumours but also drug resistant tumours.

Dr. O'Hara received her BSc in biochemistry from the University of Alberta and then went on to complete a PhD in pharmacology and toxicology at Dartmouth Medical School in New Hampshire. During the course of her PhD studies Kimberley also spent a year in the Department of Environmental and Occupational Health at the University of Pittsburgh. Dr. O'Hara commenced her post-doctoral studies at the University of Manitoba in January 2005.

Dr. Caroline Pampolina

Mediatory role of PPARs in cardiac effects of conjugated linoleic acid.

Advisor – Dr. Hope D.I. Anderson, National Centre for AgriFood Research in Medicine, Faculty of Pharmacy, St. Boniface Hospital Research Centre.

In recent years considerable attention has been directed towards the potential for naturally derived products to confer beneficial effects for the prevention and treatment of a variety of disease conditions. Dr. Pampolina's research is designed to explore the beneficial effects of a naturally occurring fatty acid on heart disease. A large number of Canadians suffer from high blood pressure. A consequence of high blood pressure is heart failure caused by abnormal growth of the heart, which is known as cardiac hypertrophy. The aim of Dr. Pampolina's research is to investigate if the natural health product, conjugated linoleic acid (CLA), prevents cardiac hypertrophy. The research group is also working to discover how CLA exerts this positive effect. In doing so, they hope to show that CLA is a good alternative treatment for the prevention of abnormal heart growth, which will in turn prevent heart failure.

Dr. Caroline Pampolina obtained her BSc in Microbiology from the University of Manitoba and completed her PhD in 2004 in the Department of Oral Biology, Faculty of Dentistry, University of Manitoba

Dr. GuQui Wang

Targeting nitric oxide delivery to skeletal muscle in preventing and treating muscular dystrophy.

Advisor – Dr. Judy Anderson, Department of Human Anatomy & Cell Science, Faculty of Medicine, University of Manitoba.

Muscular dystrophy is a family of diseases characterised by severe and progressive loss of muscle fibres. Dr. Wang is studying a novel method for treating muscular dystrophy by encouraging the growth of new muscle tissue.

Previous work from Dr. Anderson's laboratory has demonstrated that Nitric Oxide (NO, a signalling molecule produced in the body) can stimulate a group of cells known as satellite cells. Once stimulated the satellite cells can become precursors for new muscle growth and muscle repair under conditions of injury or disease. Dr. Wang is investigating the potential for 2 compounds to increase the level of NO in muscles and so stimulate new muscle growth. The 2 compounds, which could eventually be drugs to treat muscular dystrophy, appear to act in different ways, one delivering NO to the muscles and the other increasing the production of NO in the muscles. It is therefore possible that the combination of the 2 compounds will have an even better therapeutic effect than either of the compounds alone. This research will greatly increase our knowledge about control of muscle repair and also offers the very real possibility of giving rise to a novel and very effective treatment for muscular dystrophy.

Dr. GuQui Wang received his BSc in organic chemistry from Jiangxi University in China and a PhD in Pharmacology from the University of Manitoba.

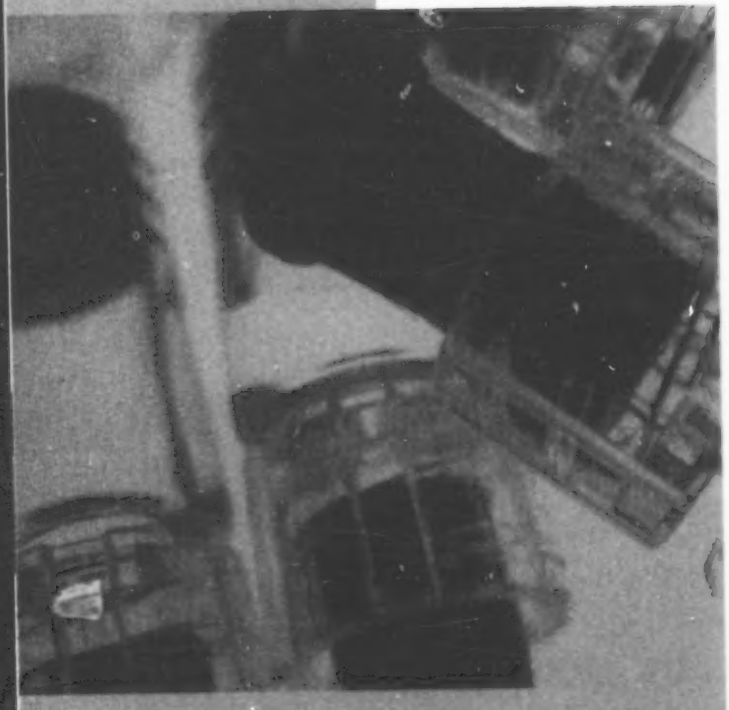
1. PURPOSE

Established by an Act of the Legislature June 30, 1982 to promote and assist basic, clinical and applied research in the health sciences in Manitoba and advise the Minister on health research matters referred to Council.

2. FUNDING

Core Programs: These programs have been funded by grants from the Government of Manitoba. Funding for 2005/06 was $1,952,600 from the Department of Energy, Science and Technology.

Partnership Programs: The program provides partnership awards (matching funds) to individuals who have been awarded Canadian Institutes of Health Research Regional Partnership Program (CIHR RPP) operating grants or personnel awards. Funding for this program is also made available through the Department of Energy, Science and Technology.



3. CORE PROGRAMS

Establishment Grants: Establishment Grants are provided to recently recruited faculty members, who show exceptional promise, to focus on establishing their research programs. The awards, for up to $100,000 to be used within a 3-year period, provide support for a variety of purposes, e.g., buy-out of teaching time, salary for research personnel (other than the applicant's salary), purchase of equipment and supplies, etc. Council will only consider applications from individuals who have held an academic appointment in the Province of Manitoba for no more than 4 years.

Operating Grants: Investigators who hold an academic appointment at the Assistant Professor (or equivalent) rank or above in the Province for a period of not more than five years are eligible to apply. Operating grants are designed to defray the normal costs of research. Grants are awarded for either one or two years.

Postdoctoral Fellowships: A limited number of fellowships are available to qualified candidates with a doctoral degree whose prior postdoctoral research training normally does not exceed 3 years.

Graduate Studentships: A limited number of studentships are offered to qualified graduate students who are undertaking full-time Master's or Doctoral programs in the Province of Manitoba. However, in disciplines where training at the doctoral level is not available within the Province, Council will consider funding elsewhere if documented evidence is provided confirming the unavailability of Provincial training opportunities, a need in Manitoba for individuals with the training and a firm intent to return to the Province after training.

PhD Dissertation Awards: Dissertation awards are provided to students enrolled in a PhD program in population health or health-related social sciences in Manitoba who have completed all relevant course work and whose dissertation proposal has been approved by their PhD Advisory Committees. The awards, for up to $5,000, are to be used to cover costs incurred in the conduct of the students' dissertation research.

Bridge Funding: Bridge funding awards are once only, one-year awards designed to allow experienced, productive investigators, who have lost funding from a major national agency, to maintain their research operation while they attempt to regain national funding.

OPERATING & ESTABLISHMENT GRANTS

NEW ESTABLISHMENT GRANTS

Recipient, Department, Faculty, Institution.	Amount
Klonisch, Thomas, Department of Human Anatomy & Cell Science, Faculty of Medicine, University of Manitoba **Title:** Thyroid cancer research.	$33,333
Marotta, Jonathan, Department of Psychology, Faculty of Arts, University of Manitoba **Title:** Understanding mechanisms related to the function of the human parietal cortex, an area of the brain thought to play an important role in the integration of sensory and motor information.	$26,660
Mizuno, Tooru, Department of Physiology, Faculty of Medicine, University of Manitoba **Title:** Clarify the physiological mechanisms that lead to metabolic disorders, and to develop new strategies for treating obesity and improve individual's health.	$81,681
Total	**$141,674**

2ND AND 3RD YEAR ESTABLISHMENT GRANTS

Recipient, Department, Institution.	Amount
Ding, Hao, Department of Biochemistry & Medical Genetics, Faculty of Medicine, University of Manitoba **Title:** The role of a novel Regulator of Telomere Length (RTEL) in the development of Astrocytoma.	$25,373
Halas, Joannie, Faculty of Physical Education & Recreation Studies, University of Manitoba **Title:** The impact of the quality and cultural relevance of physical education on the health and well-being of children and youth with a particular focus on aboriginal youth.	$21,539
Kang, Jiming, Department of Human Anatomy & Cell Science, Faculty of Medicine, University of Manitoba **Title:** Atypical neuronal apoptosis in neurodegenerative diseases	$37,157
Labchuk, Michelle, Faculty of Nursing, University of Manitoba **Title:** A series of studies that contribute toward building a theory-based intervention to enhance family caregiver communication competence in the monitoring and interpreting of Cancer patient symptom experiences.	$21,973
Los, Marek, Manitoba Institute of Cell Biology, CancerCare Manitoba **Title:** New approaches of Cancer therapy and precise monitoring of Cancer treatment.	$27,140
Moghadasian, Mohammed, Department of Human Nutritional Sciences, Faculty of Human Ecology, St. Boniface Hospital Research Centre **Title:** Understanding the mechanisms by which allo-immune conditions and hypercholesterolemia accelerate coronary atherosclerosis after heart transplantation.	$30,498
Netticadan, Thomas, Institute of Cardiovascular Sciences, St. Boniface Hospital Research Centre. **Title:** The mechanisms underlying contractile dysfunction in heart failure.	$26,550
Sareen, Jitender, Department of Psychiatry, Faculty of Medicine, University of Manitoba **Title:** Population based approaches to mental health services utilization and psychiatric comorbidity.	$25,873
Uzonna, Jude, Department of Immunology, Faculty of Medicine, University of Manitoba **Title:** Cellular mechanisms by which persistent parasites mediate lasting immunity and assess the use of these avirulent parasites as live attenuated vaccine against Leishmaniasis.	$31,000
Woodgate, Roberta, Faculty of Nursing, University of Manitoba **Title:** Improving the health and quality of life in children who experience illness and/or disability.	$17,310
Xie, Jiuyong, Department of Physiology, Faculty of Medicine, University of Manitoba **Title:** Alternative pre-mRNA splicing: A widespread and essential way of gene expression regulation but with largely unclear molecular basis of its control by cell signals.	$18,000
Zhang, Shetuan, Institute of Cardiovascular Sciences, St. Boniface Hospital Research Centre **Title:** Molecular mechanisms of ion channel function and heart disease.	$11,015
Total	**$293,378**

NEW OPERATING GRANTS

Recipient, Department, Faculty, Institution.	Amount
De Coster, Carolyn, Manitoba Centre for Health Policy **Title:** The impact of cataracts and cataract surgery on the use of healthcare for injuries, falls, fractures and dependence.	$41,380
Forte, Pablo, Department of Pharmacology & Therapeutics, Faculty of Medicine, University of Manitoba **Title:** Role of puberty, blood pressure and age on body nitric oxide synthesis in healthy children.	$56,449
Kung, Sam, Department of Immunology, Faculty of Medicine, University of Manitoba **Title:** Directing natural killer cells to recognize HIV-1 infected cells.	$57,740

Lix, Lisa, Department of Community Health Sciences, Faculty of Medicine, University of Manitoba **Title:** Analyzing multidimensional longitudinal data: Applications to health-related quality of life	$24,538
Merz, David, Department of Biochemistry & Medical Genetics, Faculty of Medicine, University of Manitoba **Title:** Hyaluronidase and glycosaminoglycans in C. elegans	$26,500
Rempel, Julia, Department of Medicine, Faculty of Medicine, University of Manitoba **Title:** IFN-alpha responsiveness in aboriginals and caucasians	$56,554
Zhang, Shetuan, Department of Physiology, Faculty of Medicine, St. Boniface Hospital Research Centre **Title:** The role of Ikr/HERG in cardiac arrhythmias in heart failure	$52,031
Total	**$315,192**

2ND YEAR OPERATING GRANTS

Recipient, Department, Institution	**Amount**
Ding, Hao, Department of Biochemistry & Medical Genetics, Faculty of Medicine, University of Manitoba **Title:** The role of a novel Regulator of Telomere length (RTEL) in the development of Astrocytoma ++	$56,621
Soussi Gounni, Abdelilah, Department of Immunology, Faculty of Medicine, University of Manitoba **Title:** Molecular mechanism of IL-9 mediated ASM cells activation	$55,000
Wigle, Jeffrey, Division of Stroke and Vascular Disease, St. Boniface Hospital Research Centre **Title:** Prox1 transcriptional regulation of lymphatic development	$60,860
Xie, Jiuyong, Department of Physiology, Faculty of Medicine, University of Manitoba **Title:** Regulation of the alternative pre-mRNA splicing of the STREX exon by proteinkinase A	$58,500
TOTAL	**$230,981**

REGIONAL PARTNERSHIP PROGRAM GRANTS

OPERATING GRANTS

Recipient, Department, Institution	**Amount**
Davie, James, Department of Biochemistry & Medical Genetics, CancerCare Manitoba **Title:** Histone modifications, chromatin remodeling and ras-MAPK pathway	$60,000
Fedoriuk, Brent, Department of Physiology, University of Manitoba **Title:** Mechanisms facilitating recruitment and firing of spinal moto-neurons	$39,393
Fernyhough, Paul, Division of Neuroscience Research, St. Boniface Hospital Research Centre **Title:** Mechanisms of impaired AKT signaling and associated mitochondrial dysfunction in sensory neurons in diabetic neuropathy	$49,003
Gough, Kathleen M., Department of Chemistry, University of Manitoba **Title:** IR and raman microspectroscopy of molecular changes in Alzheimer's diseased brain	$40,590
Gu, Kexachen, Faculty of Pharmacy, University of Manitoba **Title:** Study of toxicological profiles from concurrent use of the insect repellent DEET and the sunscreen oxybenzone	$42,335
Halayko, Andrew, Department of Physiology, University of Manitoba **Title:** Airway smooth muscle phenotype and function: Mechanisms for Caveolae-associated regulation	$25,000
Hosseini, Brian, Faculty of Pharmacy, University of Manitoba **Title:** Molecular mechanisms of oxygen free radical damage and its prevention by antioxidants	$50,000
Kung Sam K.P., Department of Immunology, University of Manitoba **Title:** Defining tolerogenic antigen presenting cells	$45,624
Murphy Liam J., Department of Physiology, University of Manitoba **Title:** The role of growth hormone, the IGF's and their binding proteins in growth development	$58,650
Murray, Robert, Department of Community Health Sciences, University of Manitoba **Title:** The health effects of patterns of alcohol consumption	$26,855
Shen, Garry, Department of Internal Medicine, University of Manitoba **Title:** Mechanism for overexpression of plasminogen activator inhibitor-1 in vascular endothelial cells induced by oxidatively modified lipoproteins and mediated through heat shock factor-1	$43,112
Wigle, Jeffery, Department of Biochemistry & Medical Genetics, St. Boniface Hospital Research Centre **Title:** Regulation of the muscle cell cycle by the Meox2 homeobox protein	$41,814

Wilkins, John, Department of Internal Medicine, University of Manitoba
Title: Molecular analysis of leukocyte adhesion and migration $50,000

Yang, Xi, Department of Medical Microbiology, University of Manitoba
Title: Host immune response to chlamydial infection: Molecular and cellular basis $55,766

Yu, Dickie, Department of Psychology, University of Manitoba
Title: Improving the quality of life for people with severe and profound intellectual disabilities: Studies of choice making and happiness $14,115

TOTAL **$ 632,257**

PERSONNEL AWARDS

NEW POSTDOCTORAL FELLOWSHIP AWARDS

Recipient (Supervisor) Department, Institution	Amount
Elliott, Alison (Drs. M. Reed & Jane Evans) Department of Biochemistry & Medical Genetics, Faculty of Medicine, University of Manitoba **Title:** Radiographic characterization of split hand foot malformation	$36,750
Lavrambe, Linda (Dr. Pam Orr) Department of Medical Microbiology, Faculty of Medicine, University of Manitoba **Title:** The frequency of tuberculosis-susceptibility gene polymorphisms in Manitoba Aboriginal populations and their relationship to identified MTB isolates.	$36,750
O'Hara, Kimberley (Dr. Brian Hausnoff) Faculty of Pharmacy, University of Manitoba **Title:** The molecular mechanisms of kinamycin-induced inhibition of tumour cell growth and cell cycle progression	$36,750
Pamplona, Caroline (Dr. Hope D.I. Anderson) National Centre for AgriFood Research in Medicine, Faculty of Pharmacy, St. Boniface Hospital Research Centre **Title:** Mediatory role of PPARs in cardiac effects of conjugated linoleic acid	$36,750
Wang, Guoji (Dr. Judy Anderson) Department of Human Anatomy & Cell Science, Faculty of Medicine, University of Manitoba **Title:** Targeting nitric oxide delivery to skeletal muscle in preventing and treating muscular dystrophy	$36,750
5 Fellowships	**$183,750**
Travel Awards	**$ 7,500**
Total	**$191,250**

POSTDOCTORAL FELLOWSHIP RENEWAL AWARDS

Recipient (Supervisor) Department, Institution	Amount
Cheng, Shaohong (Dr. David D. Eisenstat) Manitoba Institute of Cell Biology, CancerCare Manitoba **Title:** The role of Dlx1 and Dlx2 in forebrain development	$36,750
Hube, Florent (Drs. Yvonne Myal & Etienne Leygue) Department of Pathology, Faculty of Medicine, University of Manitoba **Title:** In vivo detection of HSBEM, a new putative marker for breast cancer	$36,750
Orchard, Treena (Dr. James Blanchard) Department of Anthropology, Faculty of Arts, University of Manitoba **Title:** The sickness of stigma: Examining the health outcomes of AIDS stigma for female sex workers in Karnataka, India	$36,750
Skliris, George (Dr. Leigh C. Murphy) Manitoba Institute of Cell Biology, CancerCare Manitoba **Title:** Is estrogen receptor beta (Erb) down-regulated in human breast cancers due to promoter DNA hypermethylation and/or histone deacetylation?	$36,750
Zhang, Zhengfeng (Dr. Jimeng Kong) Department of Human Anatomy & Cell Science, Faculty of Medicine, University of Manitoba **Title:** Protective effects of lentiviral BNIP3 shRNA on atypical neuronal apoptosis	$36,750
5 Fellowships	**$183,750**
Travel Awards	**$ 7,500**
Total	**$191,250**

TRAVEL AWARD FOR EXCELLENCE IN POSTDOCTORAL RESEARCH

NEW STUDENTSHIP AWARDS

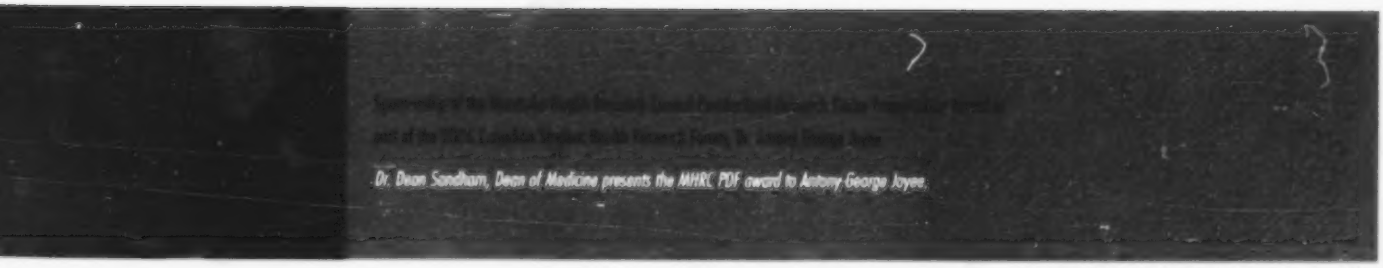
Recipient (Supervisor) Department, Faculty, Institution	Amount
Boutilier, Julie (Dr. Michael Carpenter) Department of Medical Microbiology, Faculty of Medicine, University of Manitoba **Title:** Hepatitis C virus replicon induced cellular alterations.	$17,850

Card, Catherine (Dr. Keith Fowke) Department of Medical Microbiology, Faculty of Medicine, University of Manitoba **Title:** Gene expression study of CD4+ T lymphocyte memory cell subsets.	$17,850
de Melo, Jimmy (Dr. David Eisenstat) Department of Human Anatomy & Cell Science, Manitoba Institute of Cell Biology, CancerCare Manitoba **Title:** The role of Dlx homeobox genes in retinal development.	$17,850
Douville, Renee (Dr. Kent T. HayGlass) Department of Immunology, Faculty of Medicine, University of Manitoba **Title:** Immune regulation by respiratory syncytial virus and human meta-pneumovirus via TLR4 and CX3CR1.	$17,850
Dragon, Stephane (Dr. Abdelilah Soussi Gounni) D. partment of Immunology, Faculty of Medicine, University of Manitoba **Title:** Function and molecular mechanisms of interleukin-17 in human neutrophils.	$17,850
Espino, Paula (Dr. James R. Davie) Department of Biochemistry & Medical Genetics, Faculty of Medicine, University of Manitoba **Title:** Histone modifications and chromatin remodeling in human breast cancer cells.	$17,850
Fediuk, Daryl (Dr. Xiachen Gu) , Faculty of Pharmacy, University of Manitoba **Title:** Toxicological profile of concurrent use of DEET and Oxybenzone.	$17,850
Gallant, Meghan (Dr. Kathleen Gough) Department of Chemistry, Faculty of Science, University of Manitoba **Title:** Infrared spectromicroscopy of Alzheimer's diseased brain tissue.	$17,850
Jiao, Lei (Dr. Xi Yang) Department of Medical Microbiology, Faculty of Medicine, University of Manitoba **Title:** Infection and immunity exposure to bacterial agent in early life has a long-term inhibitory effect on the development of allergic responses by modulating function of dendritic cells.	$17,850
Lafreniere-Roula, Myriam (Dr. David McCrea) Department of Physiology, Faculty of Medicine, University of Manitoba **Title:** Organization of CPG inputs to motoneuron pools during fictive locomotion and scratch.	$17,850
Li, Hongzhao (Dr. Jiuyong Xie) Department of Physiology, Faculty of Medicine, University of Manitoba **Title:** Systemic identification and characterization of cellular signal responsive RNA elements that mediate regulation of alternative pre-mRNA splicing.	$17,850
Louis, Sherif (Dr. Sabine Mai) Department of Physiology, Manitoba Institute of Cell Biology, CancerCare Manitoba **Title:** Mechanismos of c-Myc dependent genomic instabilty and gene amplification.	$17,850
Maddika, Subbareddy (Dr. Marek Los) Department of Biochemistry & Medical Genetics, Manitoba Institute of Cell Biology, CancerCare Manitoba **Title:** Selective targeting of cancer cells-Apoptin triggered apoptotic signaling.	$17,850
Magoon, Jennifer (Dr. Patricia Martens) Department of Community Health Sciences, Faculty of Medicine, University of Manitoba **Title:** Developing rural health determinant indicators: A focus on agricultural pesticides and farm economics.	$17,850
Potrebko, Peter (Dr. Boyd McCurdy) Division of Medical Physics, CancerCare Manitoba **Title:** Beam orientation optimization for intensity-modulated radiation therapy.	$17,850
Power, Kevin (Dr. Brent Fedirchuk) Department of Physiology, Faculty of Medicine, University of Manitoba. **Title:** Mechanisms facilitating recruitment and firing of spinal motoneurons.	$17,850
Rawas-Qalaji, Mutasem (Dr. Keith Simons) Faculty of Pharmacy, University of Manitoba. **Title:** Pharmaceutics, sublingual epinephrine tablet formulation and assessment for anaphylaxis treatment.	$17,850
Raymond, Colette (Dr. Anita Kozyrskyj) Department of Community Health Sciences, Faculty of Medicine, University of Manitoba **Title:** What is the relationship between socioeconomic status and utilization of prescription medications during pregnancy – a population based study.	$17,850
Schurek, Kristen (Dr. George Zhanel) Department of Medical Mirobiology, Faculty of Medicine, University of Manitoba **Title:** The role of efflux as a mechanism of fluoroquinolone resistance in Streptococcus pneumoniae.	$17,850
Tao, Liang (Dr. Gunnar Valdimarsson) Department of Zoology, Faculty of Science, University of Manitoba **Title:** The regulation of expression and the role of connexin genes in zebrafish eye development.	$17,850
Tiede, Heather (Dr. Jason P. Leboe) Department of Psychology, Faculty of Arts, University of Manitoba **Title:** Investigating age-related differences in the use of memory for decision-making.	$17,850
Tonn, Nadine (Dr. Sharon Bruce) Department of Community Health Sciences, Faculty of Medicine, University of Manitoba **Title:** The characterizaiton of food insecurity in an isolated First Nations community in northern Manitoba.	$17,850
Venugopal, Niranjan (Dr. Lawrence Ryner) Division of Medical Physics, CancerCare Manitoba **Title:** Magnetic resonance spectroscopic imaging for improved treatment of prostate cancer.	$17,850
Woo, Wai Hong (Dr. Karmin O) Department of Physiology, Faculty of Medicine St. Boniface Hospital Research Centre **Title:** Regulation of hepatic cholesterol homeostasis by folic acid.	$17,850
TOTAL	**$428,400**

STUDENTSHIP RENEWAL AWARDS

Recipient (Supervisor) Department, Faculty, Institution.	**Amount**
Betker, Aimee (Drs Z. Moussavi & Szturm) Department of Electrical Engineering/Med. Rehab., Faculty of Science, University of Manitoba **Title:** Patient fall risk and prevention: Investigating multifactorial postural control models.	$17,850

Dent, Melissa, (Dr. Paramjit S. Tappia) Institute of Cardiovascular Sciences, St. Boniface Hospital Research Centre **Title:** Physiology and nutrition.	$17,850
Haynes, Tara (Dr. Raymond P. Perry) Department of Psychology, Faculty of Arts, University of Manitoba **Title:** Secondary Control: Implications for health and well-being.	$17,850
Hinds, Aynslie (Dr. Lisa Lix) Department of Community Health Sciences, Faculty of Medicine, University of Manitoba **Title:** Individual and community determinants of mental health service use in Manitoba.	$17,850
Howie, Rosemarie (Dr. Michelle Alfa) Department of Medical Microbiology, Faculty of Medicine, University of Manitoba **Title:** Modeling microbial survival in build-up biofilm for complex medical devices.	$17,850
Ji, Hezhao, (Dr. Francis A. Plummer) Department of Medical Microbiology, Faculty of Medicine, University of Manitoba **Title:** The association of novel IRF-1 polymorphisms with resistance to HIV-1 infection in Kenyan female sex workers	$17,850
Khan, Osaama (Dr. Marc Del Bigio) Department of Pathology, Faculty of Medicine, University of Manitoba **Title:** Effects of white matter hypoxia in neonatal rat hydrocephalus.	$17,850
Olson, Carl (Dr. James I. Nagy) Department of Physiology, Faculty of Medicine, University of Manitoba **Title:** Connexins and gap junctions forming electrical synapses in the mammalian CNS.	$17,850
Oyugi, Julius (Dr. Keith R. Fowke) Department of Medical Microbiology, Faculty of Medicine, University of Manitoba **Title:** CD4 polymorphism and its effect on HIV-1 infectivity.	$17,850
Qiu, Hongyu (Dr. Xi Yang) Department of Medical Microbiology, Faculty of Medicine, University of Manitoba **Title:** The role of dendritic cells in directing T cell cytokine patterns following chlamydial infection.	$17,850
Safronetz, David (Dr. Michael Drebot) Department of Medical Microbiology, Faculty of Medicine, Canadian Science Centre for Human & Animal Health **Title:** Pathogenesis and transmission characteristics of hantavirus infections.	$17,850
Taylor, Nicole, (Dr. L. Jakobson) Department of Psychology, Faculty of Arts, University of Manitoba **Title:** Development of visual action coding systems in full-term and pre-term preschoolers.	$17,850
Thompson, Genevieve (Dr. Verena Menec) Department of Community Health Sciences, Faculty of Medicine, University of Manitoba **Title:** Developing quality indicators for end-of-life care in chronic illness.	$17,850
Wilkins, Krista (Dr. Robert Woodgate) Faculty of Nursing, University of Manitoba **Title:** Siblings of children with Leukemia: Their perceptions of transitions.	$17,850
Yang, Xiaoyang (Dr. Peter A. Cattini) Department of Physiology, Faculty of Medicine, University of Manitoba **Title:** Regulation of the human growth hormone gene through chromatin remodeling.	$17,850
Total	**$267,750**
Sponsorship of the "Research Leadership and Management Workshop" in conjunction with CIHR and the University of Toronto	**$ 5,000**



Dr. Dean Sandham, Dean of Medicine presents the MHRC PDF award to Antony George Joyee.

From left to right: Dr. Lizanne Bolinger, Dr. Harold Aukema, Dr. Etienne Leygue, Dr. Abdellah Soussi Gounni, Dr. Larry Hryshka, Dr. Jeff Wigle, Dr. James Gilchrist (Chair), Dr. Teresa Dekievit, Dr. Valerie Kupriyanov, Dr. Archie McNicol and Dr. Jinguin Cao

From left to right: Dr. Keith Fowke, Dr. Rotimi Aluko, Dr. David Merz, Dr. Fiona Parkinson, Dr. Jim House, Dr. David Eisenstat, Dr. Gary Glavin (Chair), Dr. Kevin Coombs, Dr. Kathleen Gough, and Dr. Karmin O (missing Dr. Janice Dodd)

From left to right: Dr. Yoshi Iwasaki, Dr. Kikuo Wang, Dr. Pamela Hawranik, Dr. Emily Etcheverry (Chair), Dr. Andrea Kilgour, Dr. Judy Chipperfield, Dr. John Bond, Dr. Anita Kozyrskyj, Dr. Diana Clarke, and Dr. Joe Kaufert

2005 Operating & Establishment Grants Scientific Review Committee

Dr. James Gilchrist, Chair, Department of Oral Biology, Faculty of Dentistry, University of Manitoba.

Dr. Harold Aukema, Department of Human Nutritional Sciences, Faculty of Human Ecology, University of Manitoba.

Dr. Lizanne Bollinger, Institute for Biodiagnostics, National Research Council.

Dr. Jingxin Cao, Canadian Science Centre for Human and Animal Health, National Virology Laboratory.

Dr. Teresa de Kievit, Department of Microbiology, Faculty of Science, University of Manitoba.

Dr. Larry Hryshko, Department of Physiology, Faculty of Medicine, St. Boniface Hospital Research Centre.

Dr. Valerie Kupriyanov, Institute for Biodiagnostics, National Research Council.

Dr. Etienne Leygue, Department of Biochemistry and Medical Genetics, Faculty of Medicine, University of Manitoba.

Dr. Archie McNicol, Department of Oral Biology, Faculty of Dentistry, University of Manitoba.

Dr. Abdelilah Soussi Gounni, Department of Immunology, Faculty of Medicine, University of Manitoba.

Dr. Jeff Wigle, Department of Biochemistry and Medical Genetics, Faculty of Medicine, University of Manitoba.

2005 Personnel Awards Scientific Review Committee

Dr. Gary Glavin, Chair, Department of Pharmacology, Canadian Science Centre for Human and Animal Health.

Dr. Rotimi Aluko, Department of Human Nutritional Sciences, Faculty of Human Ecology, University of Manitoba.

Dr. Kevin Coombs, Department of Medical Microbiology, Faculty of Medicine, University of Manitoba.

Dr. Janice Dodd, Department of Physiology, Faculty of Medicine, University of Manitoba.

Dr. David Eisenstat, Cancer Care Manitoba, Health Sciences Centre

Dr. Keith Fowke, Department of Medical Microbiology, Faculty of Medicine, University of Manitoba.

Dr. Kathleen Gough, Department of Chemistry, Faculty of Science, University of Manitoba.

Dr. Jim House, Faculty of Agriculture and Food Sciences, University of Manitoba.

Dr. David Merz, Department of Biochemistry and Medical Genetics, Faculty of Medicine, University of Manitoba.

Dr. Karmin O, Department of Animal Science, Faculty of Science, University of Manitoba.

Dr. Fiona Parkinson, Department of Pharmacology, Faculty of Medicine, University of Manitoba.

2005 Social/Population Health Scientific Review Committee

Dr. Emily Etcheverry, Chair, Department of Medical Rehabilitation, Faculty of Medicine, University of Manitoba.

Dr. John Bond, Department of Family Social Sciences, Faculty of Human Ecology, University of Manitoba.

Dr. Judy Chipperfield, Faculty of Physical Education, University of Manitoba.

Dr. Diana Clarke, Faculty of Nursing, University of Manitoba.

Dr. Pam Hawranik, Faculty of Nursing, University of Manitoba .

Dr. Yoshi Iwasaki, Faculty of Physical Education, University of Manitoba.

Dr. Joe Kaufert, Department of Community Health Sciences, Faculty of Medicine, University of Manitoba.

Dr. Andrea Kilgour, Department of Clinical Health Psychology, Faculty of Medicine, University of Manitoba.

Dr. Anita Kozyrskyj, Department of Community Health Sciences, Faculty of Medicine, University of Manitoba.

Dr. Xikui Wang, Department of Statistics, Faculty of Science, University of Manitoba.

TOTAL EXPENDITURES

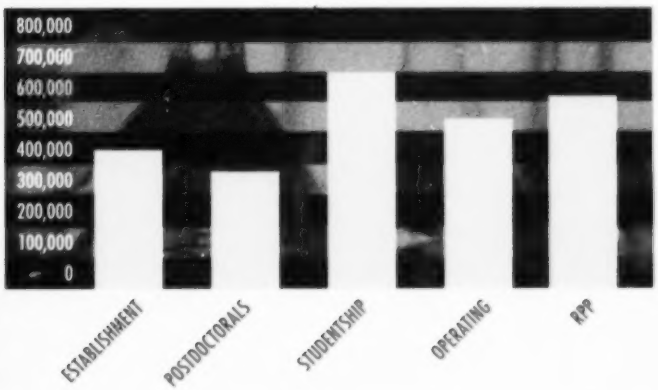
	AMOUNT	%
TOTAL	**$2,915,528**	**100.0**
Grants & Awards	$2,699,632	92.59
Administration	$215,896	7.41

ADMINISTRATION

	AMOUNT	%
TOTAL	**$215,896**	**100.0**
Salaries	$161,273	74.70
Supplies & Office Maintenance	$43,208	20.01
Miscellaneous	$11,415	5.29

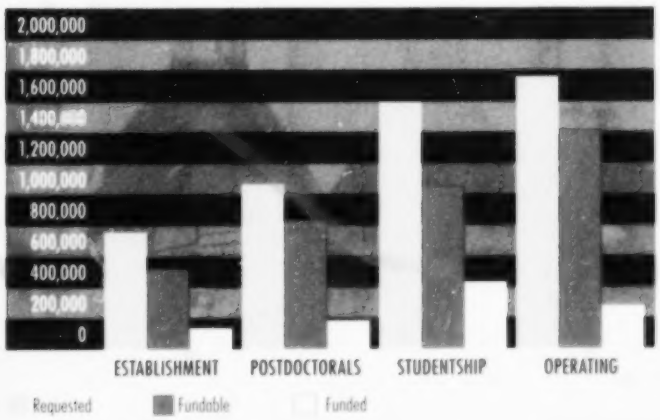
NEW AND RENEWAL GRANTS AND AWARDS

	#	AMOUNT	%
TOTAL		**$2,699,632**	**100.0**
Establishment Grants	15	435,052	16.1
Postdoctoral Awards	10	382,500	14.2
Studentship Awards	39	696,150	25.8
Operating Grants	11	546,173	20.3
Regional Partnership Grants	15	632,257	23.4
Sponsor – Leadership workshop – U of Toronto	1	5,000	0.1
Sponsorship and Postdoctoral Travel Award	1	2,500	0.1



2005 NEW APPLICATIONS, FUNDABLE AND FUNDED AWARDS

Category	# Received	Amount	# Fundable	Amount	# Funded	Amount
Establishment Grants	17	736,097	11	537,128	3	141,674
Postdoctoral Awards	28	1,071,000	21	841,500	5	191,250
Studentship Awards	89	1,588,650	59	1,053,150	24	428,400
Operating Grants	34	1,742,020	24	1,230,592	7	315,192
Totals	168	5,137,767	115	3,662,370	39	934,842



MANAGEMENT REPORT

The accompanying financial statements are the responsibility of management and have been prepared in accordance with generally accepted accounting principles. In management's opinion, the financial statements have been properly prepared and of necessity include some amounts based upon management's best estimates and judgements.

As management is responsible for the integrity of the financial statements, management has established systems of internal control to provide assurance that assets are properly accounted for and safeguarded from loss.

Christina Weiss

Christina Weiss
Executive Director

April 20, 2006

BDO Dunwoody LLP/s.r.l.
Chartered Accountants and Advisors
Comptables agréés et conseillers

700 - 200 Graham Avenue
Winnipeg Manitoba Canada R3C 4L5
Telephone/Téléphone: (204) 956-7200
Fax/Télécopieur: (204) 926-7201
Toll Free/Sans frais: 1-800-268-3337
www.bdo.ca

AUDITORS' REPORT

To the Legislative Assembly of Manitoba:

We have audited the statement of financial position of MANITOBA HEALTH RESEARCH COUNCIL as at March 31, 2006 and the statements of operations and fund balances and cash flows for the year then ended. These financial statements are the responsibility of the organization's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with Canadian generally accepted auditing standards. Those standards require that we plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In our opinion, these financial statements present fairly, in all material respects, the financial position of the organization as at March 31, 2006 and the results of its operations and its cash flows for the year then ended in accordance with Canadian generally accepted accounting principles.

BDO Dunwoody LLP

Chartered Accountants
Winnipeg, Manitoba
April 20, 2006

BDO Dunwoody LLP *is a Limited Liability Partnership registered in Ontario*
BDO Dunwoody s.r.l. *est une société à responsabilité limitée constituée en Ontario*

Manitoba Health Research Council

STATEMENT OF FINANCIAL POSITION

ASSETS		
Current Assets		
Short-term investments Market value 2006 – $633,684 (2005 – $897,671)	**$ 636,874**	$ 897,494
Accounts receivable	**1,332**	1,275
Accrued interest receivable	**3,679**	10,365
Prepaid expenses	**2,156**	2,156
Deposits	**500**	500
	644,541	911,790
Capital Assets (Note 3)	**5,064**	4,126
	$ 649,605	$ 915,916
LIABILITIES AND FUND BALANCES		
Current Liabilities		
Bank indebtedness (Note 2)	**$ 25,167**	$ 142,215
Accounts payable and accrued liabilities	**12,402**	13,065
Research grants payable	**269,783**	246,022
	307,352	401,302
Commitments (Note 5)		
Fund Balances		
General Research Fund (Page 4)	**301,426**	493,966
Regional Partnerships Program Fund (Page 4)	**40,827**	20,648
	342,253	514,614
	$ 649,605	$ 915,916

Approved on behalf of the Board:

Director

Director

The accompanying summary of significant accounting policies and notes are an integral part of these financial statements.

MANITOBA HEALTH RESEARCH COUNCIL

STATEMENT OF OPERATIONS AND FUND BALANCES

	General Research Fund	Regional Partnership Fund	Total	Total
REVENUE				
Province of Manitoba grants	$1,952,600	$ 624,329	$2,576,929	$2,380,262
Grants returned/rescinded	100,405	28,107	128,512	6,472
Investment income	37,726	–	37,726	47,522
	2,090,731	652,436	2,743,167	2,434,256
EXPENDITURES				
Administration (Page 9)	215,896	–	215,896	223,616
Personnel awards	1,081,150	–	1,081,150	1,030,500
Research grants	986,225	632,257	1,618,482	1,435,864
	2,283,271	632,257	2,915,528	2,689,980
Excess (deficiency) of revenue over expenditures for the year	(192,540)	20,179	(172,361)	(255,724)
Fund balances, beginning of year	493,966	20,648	514,614	770,338
Fund balances, end of year (Page 3)	$ 301,426	$ 40,827	$ 342,253	$ 514,614

STATEMENT OF CASH FLOWS

	2006	2005
Cash Flows From Operating Activities		
Deficiency of revenue over expenditures for the year	$ (172,361)	$ (255,724)
Adjustments for Amortization of capital assets	1,266	932
	(171,095)	(254,792)
Changes in non-cash working capital balances		
Short-term investments	260,620	(33,464)
Accounts receivable	(57)	(1,275)
Accrued interest receivable	6,686	111
Prepaid expenses	–	1
Accounts payable and accrued liabilities	(663)	2,669
Research grants payable	23,761	103,042
	119,252	(183,708)
Cash Flows from Investing Activities		
Purchase of capital assets	(2,204)	(792)
Increase (decrease) in cash and cash equivalents during the year	117,048	(184,500)
Cash(bank indebtedness), beginning of year	(142,215)	42,285
Bank indebtedness, end of year	$ (25,167)	$ (142,215)
Supplementary Information:		
Interest received	$ 44,410	$ 47,633

The accompanying summary of significant accounting policies and notes are an integral part of these financial statements.

SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

These financial statements have been prepared by management in accordance with Canadian generally accepted accounting principles.

Financial Instruments

The organization's financial instruments consist of accounts receivable, short-term investments, bank indebtedness, research grants payable and accounts payable. Unless otherwise noted, it is management's opinion that the organization is not exposed to significant interest, currency or credit risks arising from these financial instruments. The fair values of these financial instruments approximate their carrying values, unless otherwise noted.

Short-Term Investments

Short-term investments are stated at the lower of cost and market value.

Capital Assets

Capital assets are stated at cost less accumulated amortization. Amortization, based on the estimated useful life of the asset, is calculated as follows:

Office equipment 20% diminishing balance basis

Computer equipment 20% diminishing balance basis

Fund Accounting

The Manitoba Health Research Council follows the restricted fund method of accounting for contributions.

The General Research Fund reports only restricted resources that are used for research purposes. General research grants are charged to expenditures in the year the funding is committed for, by Council. Research grants returned to or rescinded by the Council are recorded as revenues when received or rescinded.

Regional Partnership awards are charged to expenditures when funding is received from the Province of Manitoba. Regional partnership awards returned to or rescinded by the Council are recorded as revenues when received or rescinded.

Revenue Recognition

Grant revenue is reflected in income in the period in which the grant is received or becomes receivable. Interest income is recognized as revenue when earned and is allocated proportionately to the Funds on the basis of monthly Fund balances.

Personnel Awards

Personnel awards and their renewals are charged to expenditures when funding is approved by Council.

Administrative Expenditures

Administration expenses are allocated 100% to the General Research Fund.

NOTES TO FINANCIAL STATEMENTS

1. ENTITY DEFINITION

The Manitoba Health Research Council was established by The Manitoba Health Research Council Act to promote and assist basic, clinical and applied research in the health sciences in Manitoba. The Manitoba Health Research Council is a registered charity and is exempt from tax under the Income Tax Act.

2. CASH AND BANK (Bank indebtedness)

	2006	2005
Bank of Montreal current account	$ 15,599	$ 41,727
Wellington West cash account	(40,766)	(183,942)
	$ (25,167)	$ (142,215)

3. CAPITAL ASSETS

	2006		2005	
	Cost	Accumulated Amortization	Cost	Accumulated Amortization
Office equipment	$ 7,058	$ 5,308	$ 6,375	$ 4,871
Computer equipment	6,955	3,641	5,434	2,812
	$ 14,013	$ 8,949	$ 11,809	$ 7,683
Cost less accumulated amortization	$ 5,064	$ 4,126		

4. RELATED PARTY TRANSACTIONS

Manitoba Health Research Council is related to all Province of Manitoba departments and agencies. During the year, the Council had the following transactions with related organizations:

	2006	2005
Grant Revenue	$2,576,929	$2,380,262
Office Rent at no charge – University of Manitoba	–	–

These transactions are in the normal course of operations and are measured at the exchange amount, which is the amount of consideration established and agreed to by the related parties.

5. COMMITMENTS

The Manitoba Health Research Council has committed grants and awards under the General Research Fund and the Regional Partnership Fund as follows:

	General Research Fund	Regional Partnership Fund	Total
2007	$ 835,328	$ 465,208	$1,300,536
2008	70,033	–	70,033
	$ 905,361	$ 465,208	$1,370,569

Commitments of future years of the General Research Fund and Regional Partnership Fund are not recorded as an expenditure in the year of commitment, they are recorded as an expenditure in the year they are committed for.

These commitments will be funded as follows:

Current General Research Fund Balance	$ 301,426
Current Regional Partnership Fund Balance	40,827
Future Province of Manitoba grants	1,028,316
	$1,370,569

6. ECONOMIC DEPENDENCE

The Manitoba Health Research Council relies almost entirely on grants from the Province of Manitoba.

MANITOBA HEALTH RESEARCH COUNCIL

SCHEDULE OF ADMINISTRATIVE EXPENSES

	2006	
Accounting and audit	**$ 3,749**	$ 3,438
Amortization	**1,266**	932
Bank charges and interest	**364**	160
Communications	**16,718**	16,710
Conferences, meetings and travel	**5,033**	2,816
Council and committee expenses	**4,279**	5,680
Delivery	**935**	2,655
GST expense	**(69)**	–
Insurance	**4,272**	4,272
Parking	**816**	888
Printing, stationery and office supplies	**7,346**	8,566
Promotions	**4,300**	1,902
Repairs and maintenance	**3,976**	1,300
Salaries and benefits	**161,273**	173,119
Telephone	**1,638**	1,178
	$ 215,896	$ 223,616

MANITOBA HEALTH RESEARCH COUNCIL

P216–770 Bannatyne Avenue
Winnipeg Manitoba R3E 0W3
telephone 204 775.1096 fax 204 786.5401
e-mail info@mbrc.mb.ca website www.mbrc.mb.ca